Fig. 1

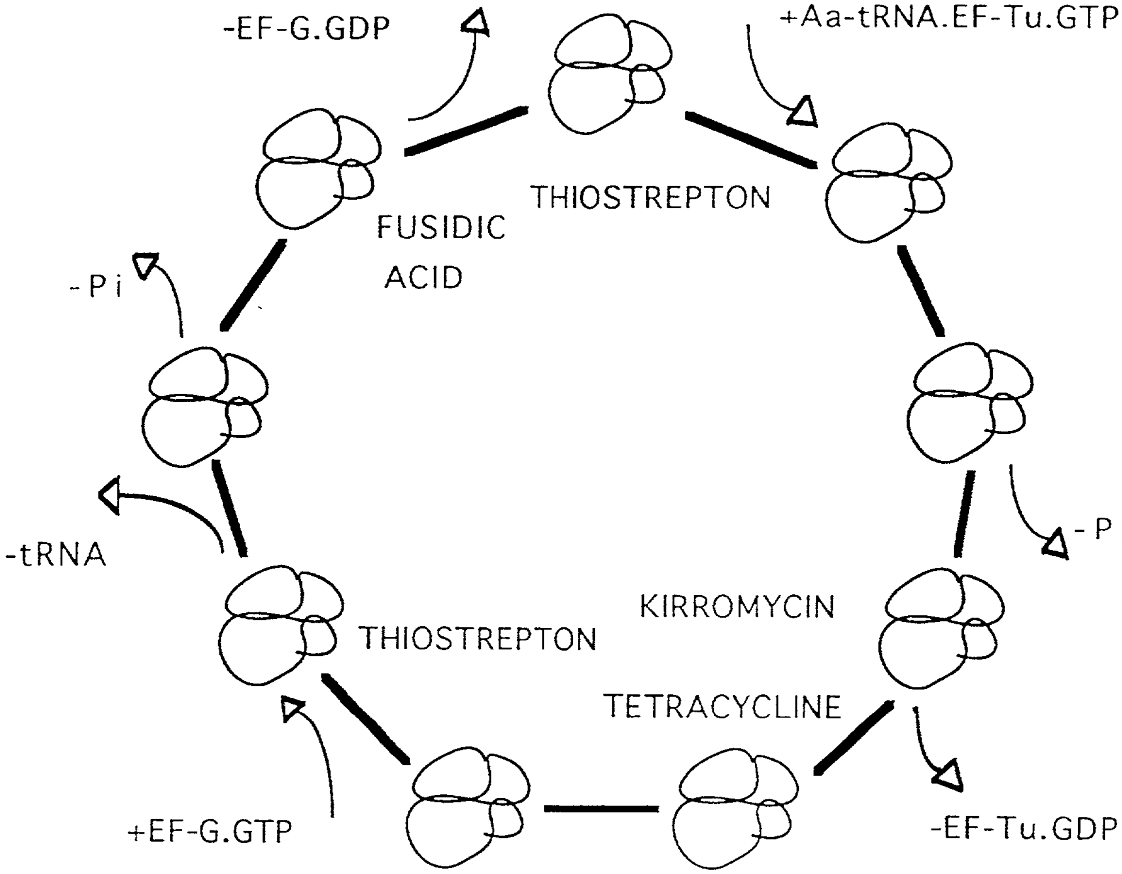

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Figure 2A

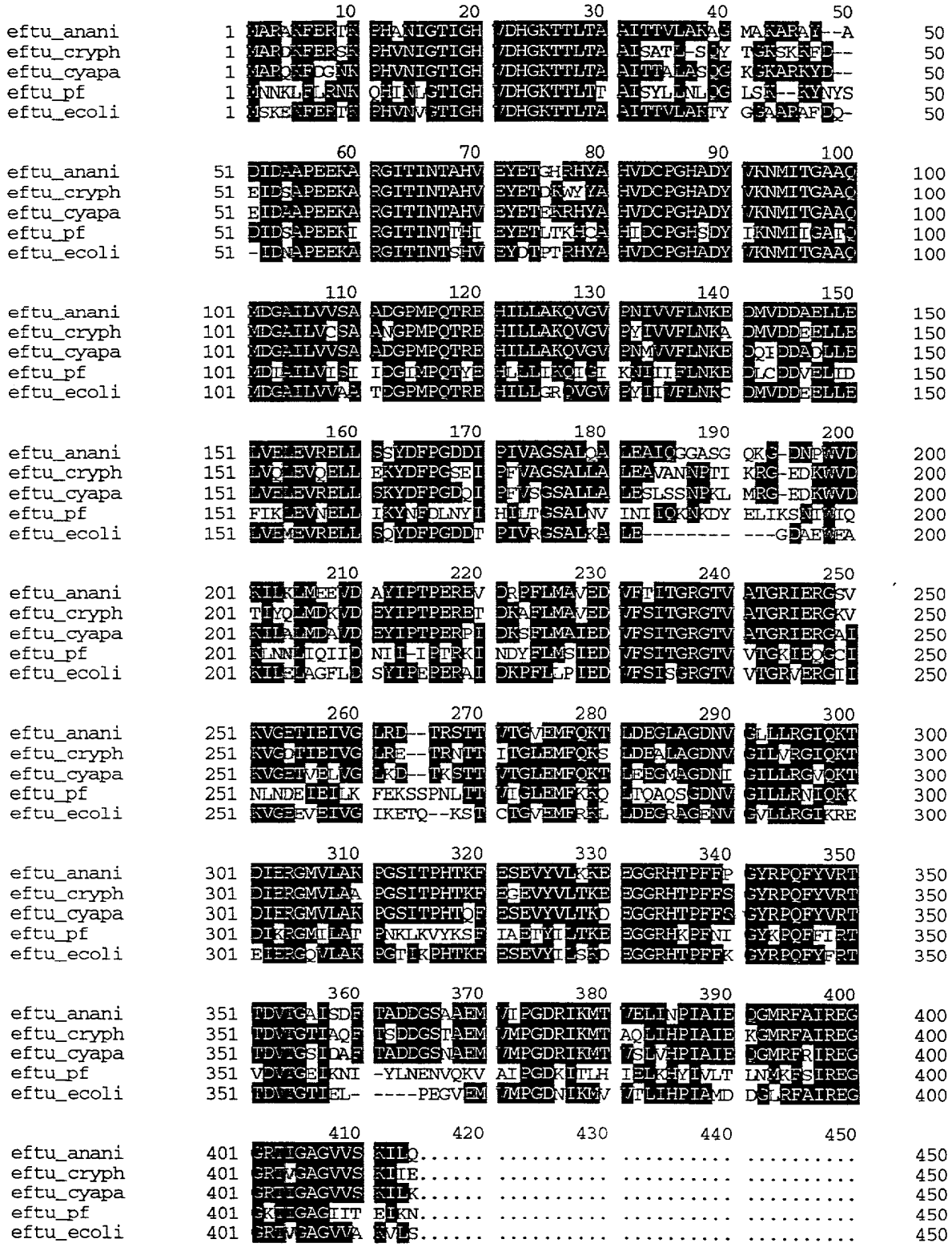


Fig. 2B

ATGAATAATAAATTATTTTTAAGAAATAAACAACATATAAA
TTTAGGTACTATAGGGCATGTAGATCATGGAAAAACTACAT
TAACAACAGCTATATCTTATTTATTAAATTTACAAGGATTA
TCAAAAAAATATAATTATTCAGATATTGATTCAGCTCCAGA
AGAAAAAATAAGAGGTATTACAATAAATACAACACATATTG
AATATGAAACTTTAACAAAACATTGTGCTCATATAGATTGT
CCAGGACATTCCGATTATATTAAAAATATGATTATAGGAGC
CACACAAATGGATATAGCAATTTTAGTAATATCTATAATAG
ATGGTATAATGCCTCAAACTTATGAACATTTATTATTAATA
AAACAAATAGGTATAAAAAATATAATTATTTTTTTAAATAA
AGAAGATTTATGTGATGATGTTGAATTAATAGATTTTATAA
AATTAGAAGTAAATGAATTATTAATTAAATATAATTTTGAT
TTAAATTATATACATATATTAACTGGTTCAGCATTAAATGT
AATAAATATAATTCAAAAAAATAAGGATTATGAATTAATAA
AATCTAATATTTGGATACAAAAATTAAATAATTTAATTCAA
ATAATTGATAATATTATAATACCTACTAGAAAAATTAATGA
TTACTTTTTAATGTCAATAGAAGATGTATTTTCTATAACAG
GTAGAGGTACAGTAGTAACAGGTAAGATTGAACAAGGATGT
ATAAATTTAAATGATGAAATTGAAATTTTAAAATTTGAAAA
ATCATCTCCTAATTTAACAACAGTTATAGGATTAGAAATGT
TTAAAAAACAATTAACACAAGCACAATCCGGAGATAATGTA
GGTATTTTATTAAGAAATATTCAAAAAAAAGATATAAAAAG
AGGTATGATTTTAGCAACACCTAATAAATTAAAAGTATATA
AGTCTTTTATAGCTGAAACATATATTTTAACTAAAGAAGAA
GGTGGTCGTCATAAACCTTTTAATATTGGATATAAACCTCA
ATTTTTTATTCGTACAGTAGATGTTACTGGAGAAATTAAAA
ATATATATTTAAATGAAAATGTACAAAAAGTAGCTATACCT
GGAGATAAAATAACATTACATATTGAATTAAAACATTATAT
AGTGTTGACATTAAATATGAAATTTTCTATTAGAGAAGGAG
GAAAAACAATAGGAGCAGGTATTATAACAGAAATAAAAAAT

Figure 3A

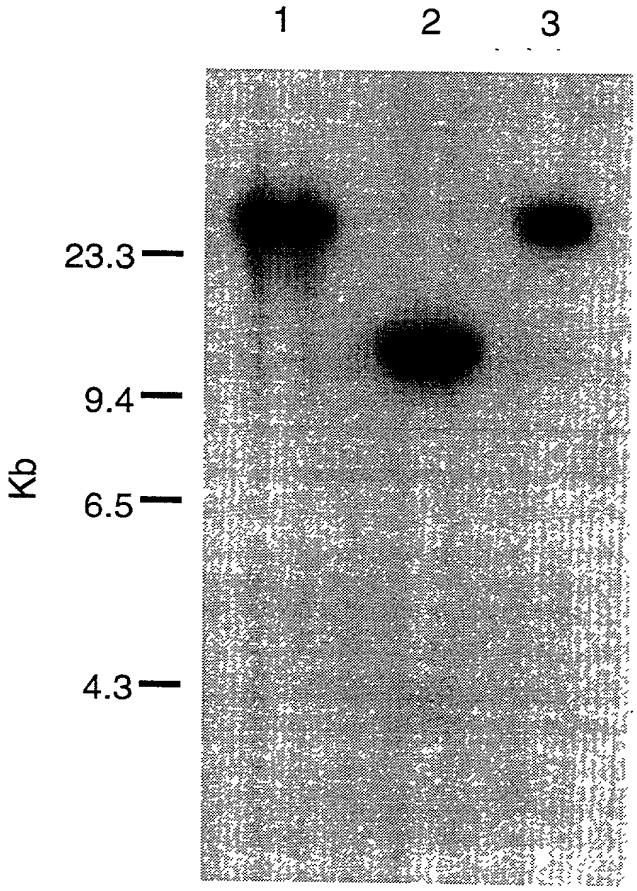


Figure 3B

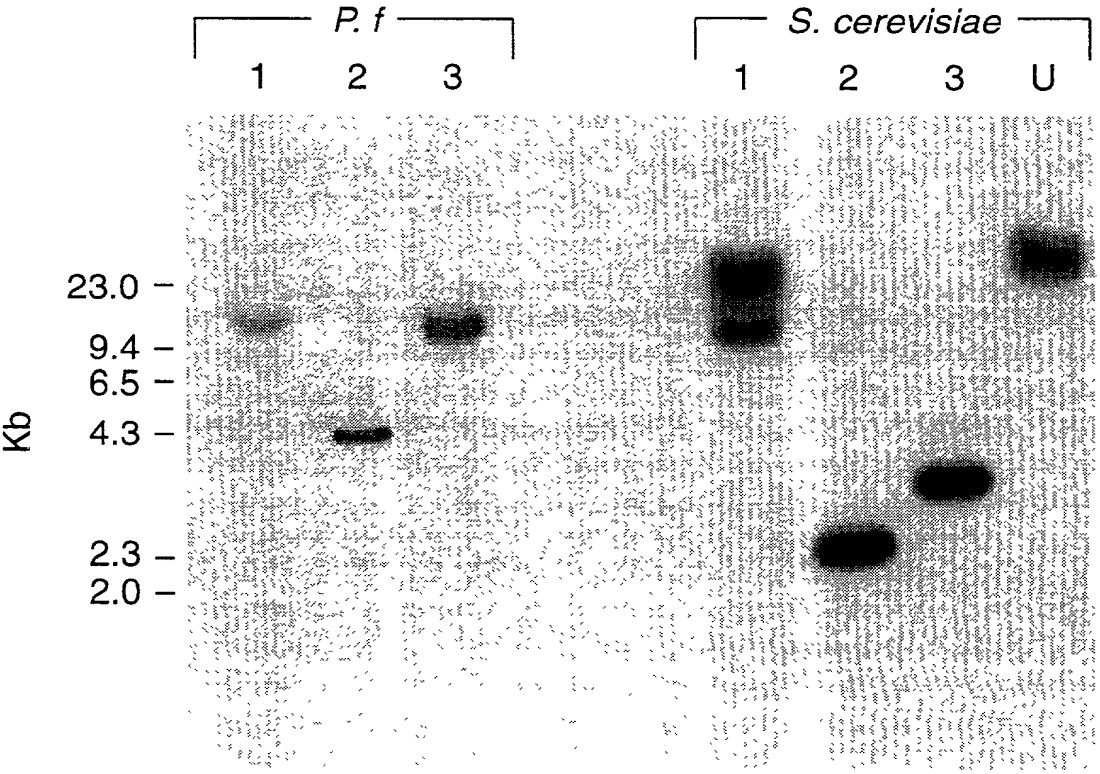


Figure 4

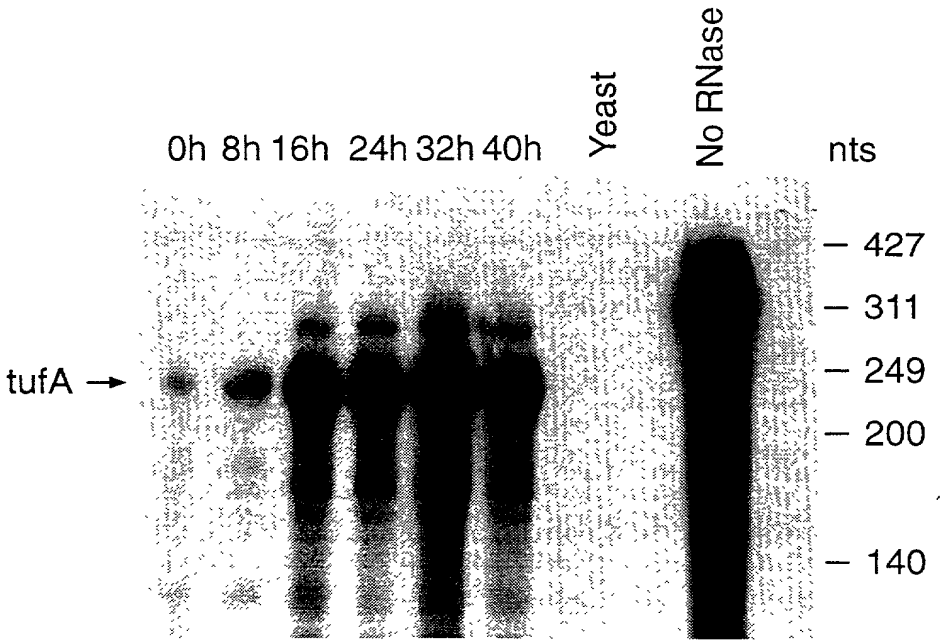

0h 8h 16h 24h 32h 40h
Yeast
No RNase
nts
tufA
427
311
249
200
140

Figure 5

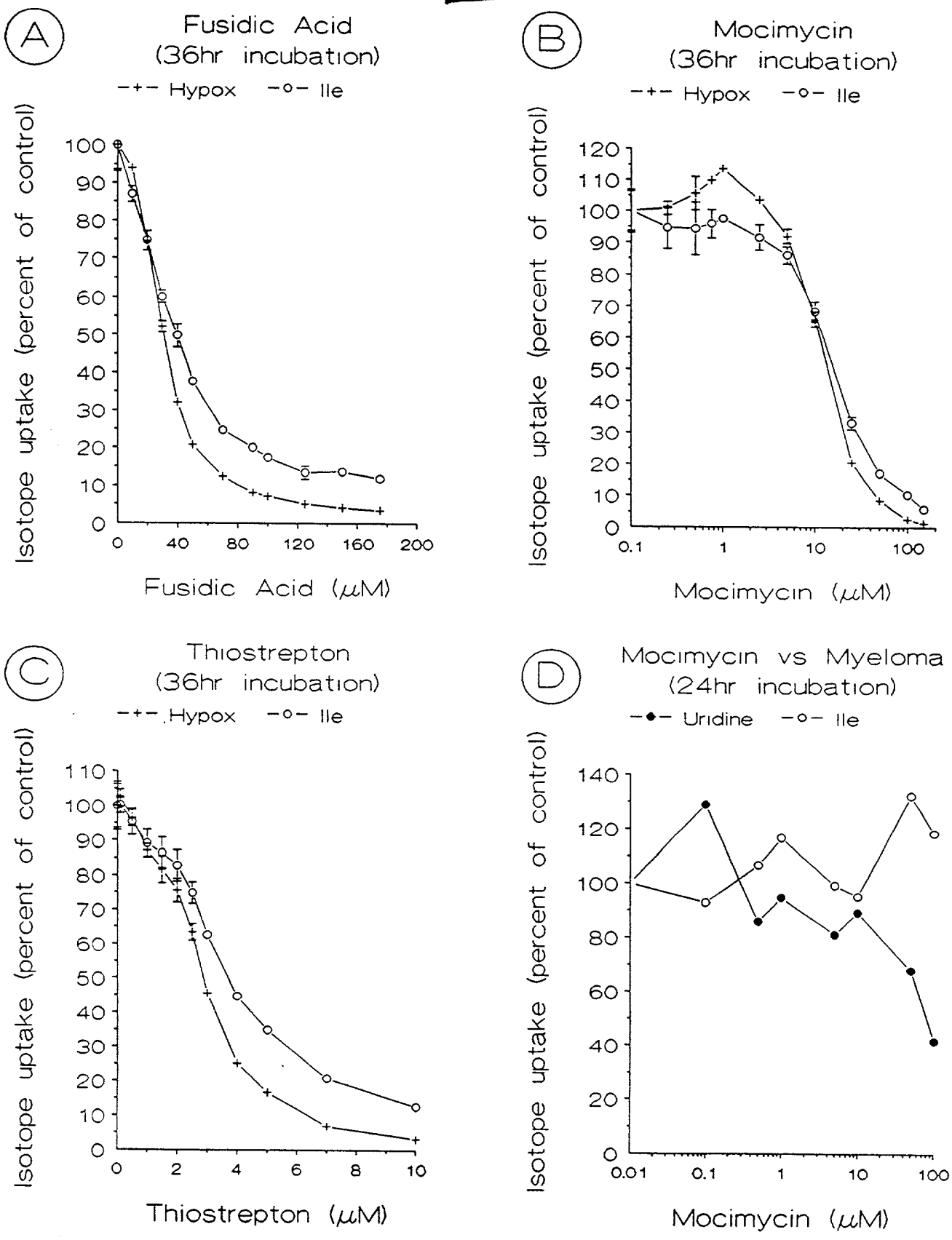
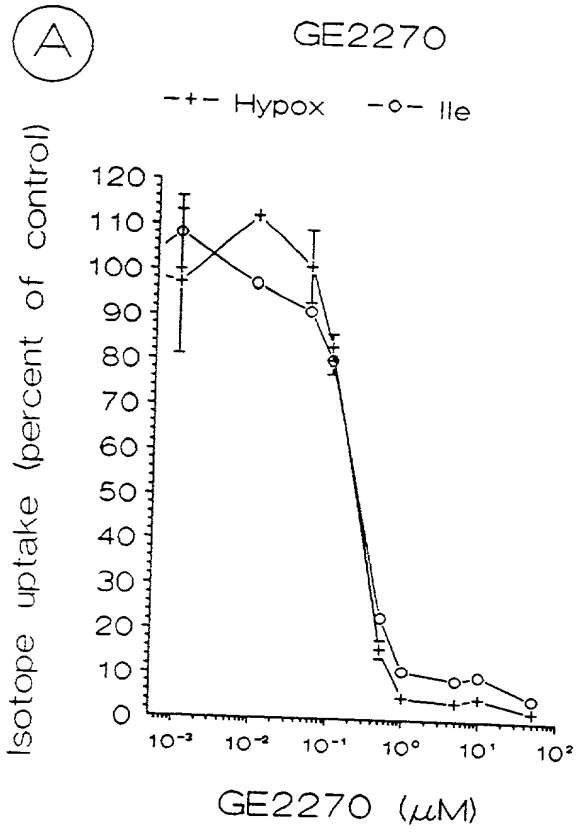

A
Fusidic Acid
(36hr incubation)
+ Hypox
o Ile
Isotope uptake (percent of control)
Fusidic Acid (μM)
B
Mocimycin
(36hr incubation)
+ Hypox
o Ile
Isotope uptake (percent of control)
Mocimycin (μM)
C
Thiostrepton
(36hr incubation)
+ Hypox
o Ile
Isotope uptake (percent of control)
Thiostrepton (μM)
D
Mocimycin vs Myeloma
(24hr incubation)
● Uridine
o Ile
Isotope uptake (percent of control)
Mocimycin (μM)

Figure 5 (cont)



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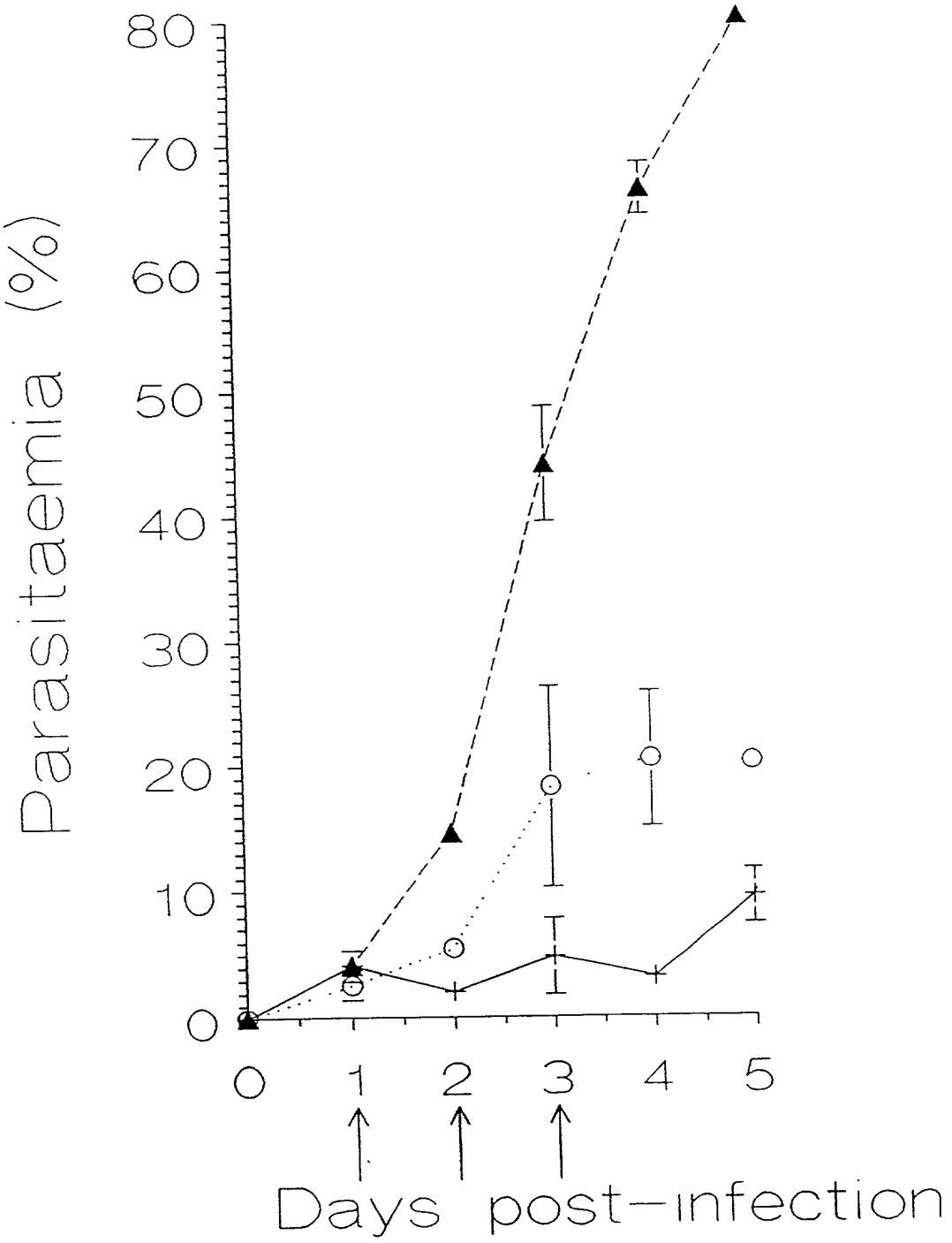
Parasitaemia (%)
80
70
60
50
40
30
20
10
0
0
1
2
3
4
5
Days post-infection

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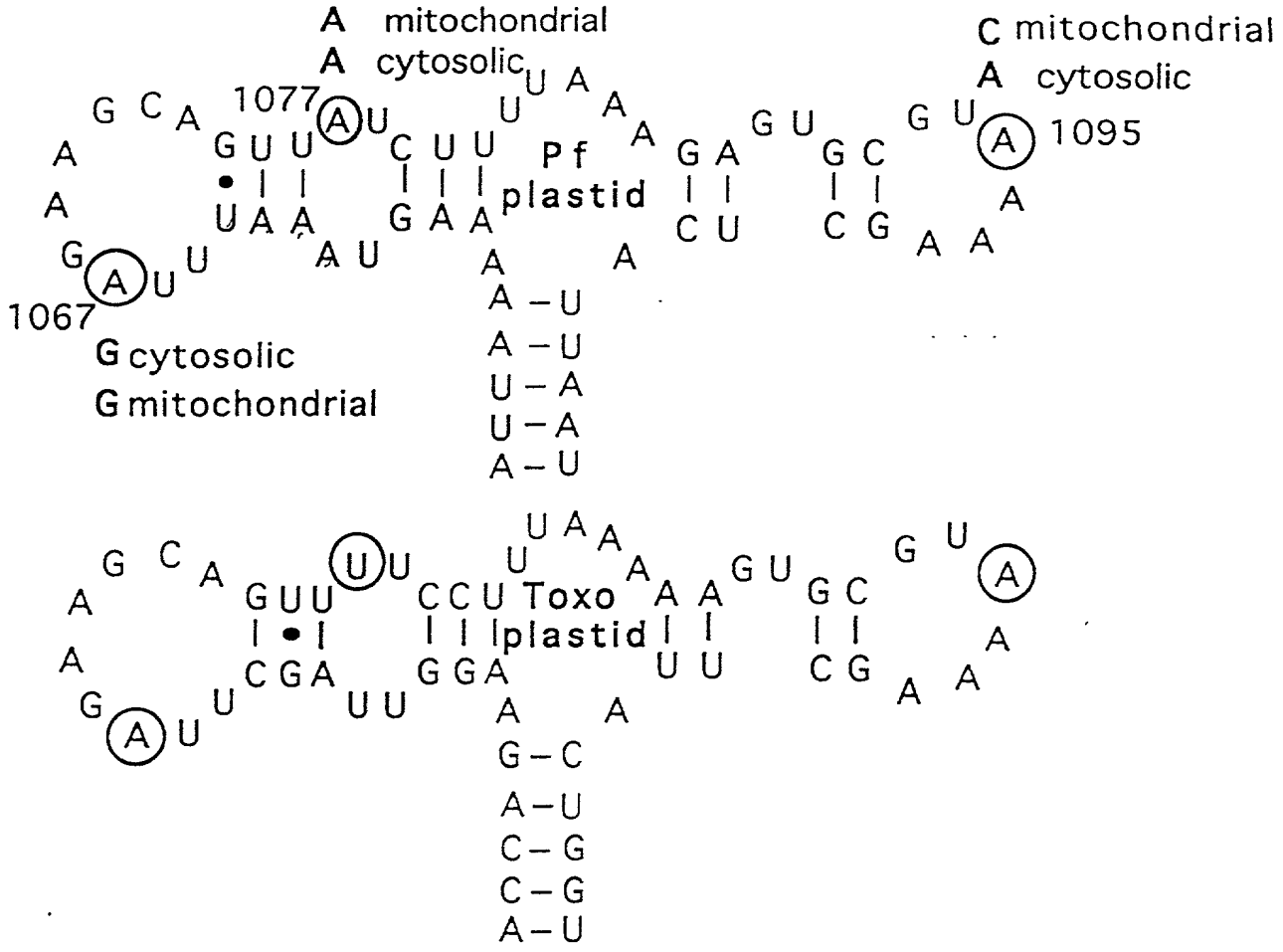
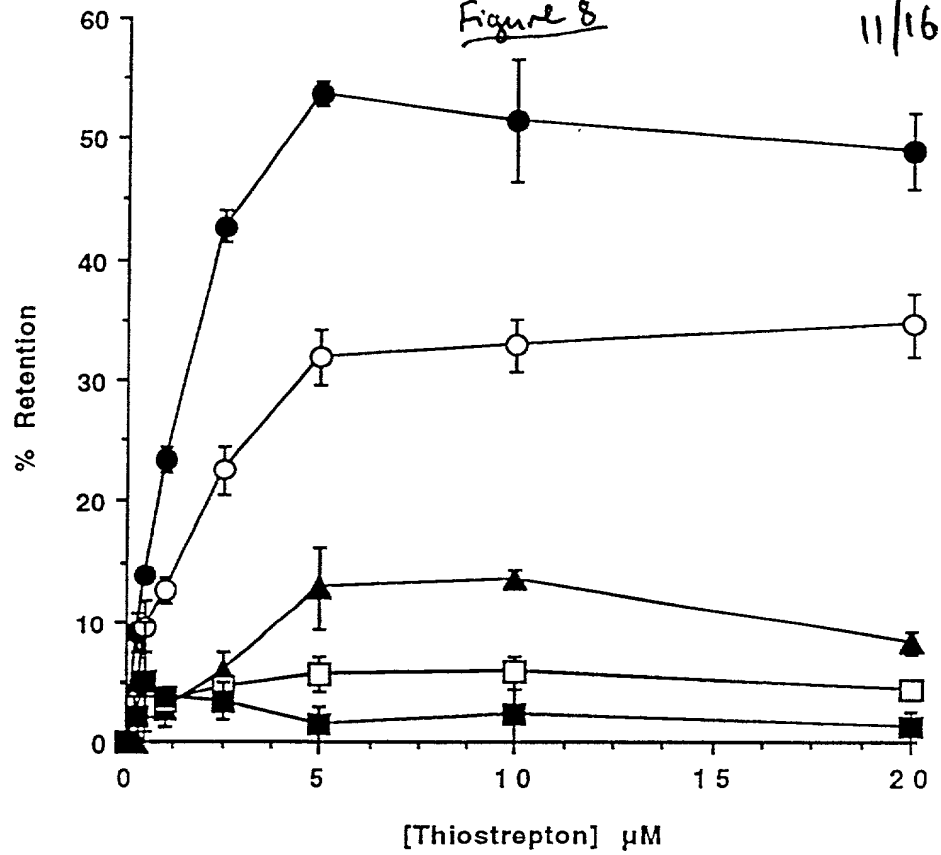
Sequence of the GTPase region of $23S_{pl}$ rRNAs



A.


% Retention
60
50
40
30
20
10
0
0
5
10
15
20
[Thiostrepton] µM

B.

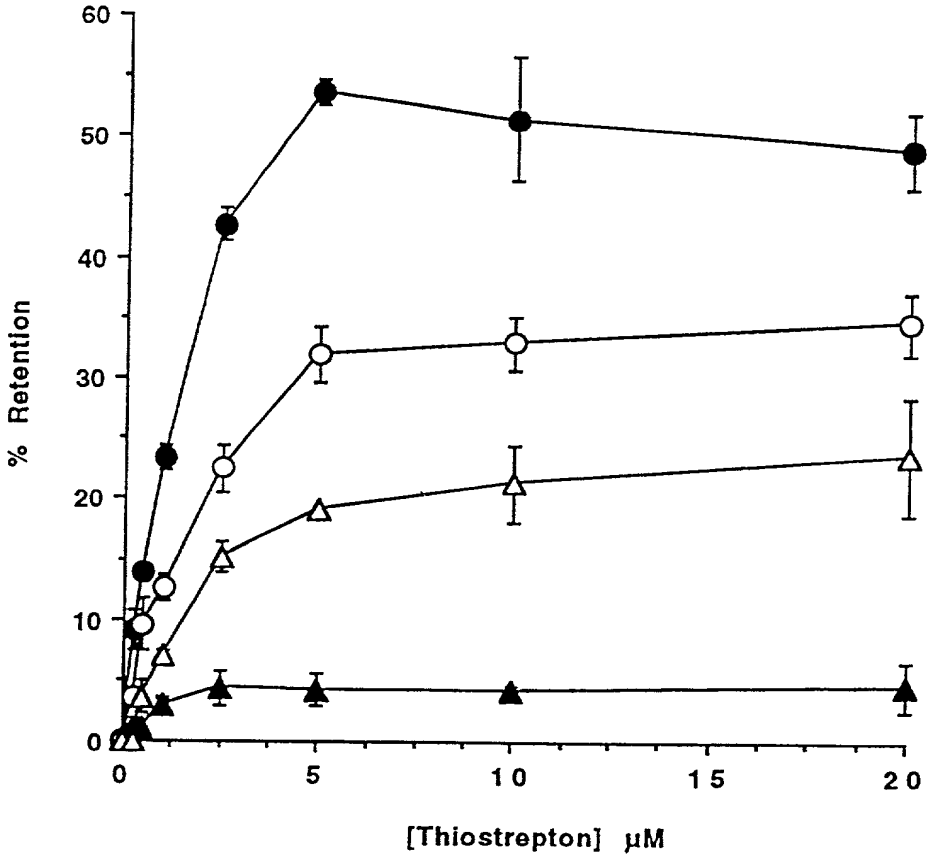

% Retention
60
50
40
30
20
10
0
0
5
10
15
20
[Thiostrepton] µM

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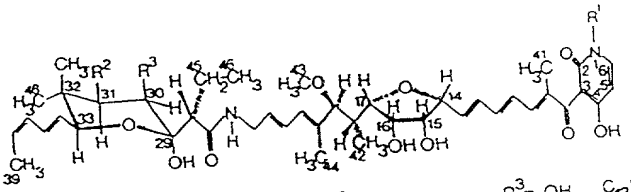
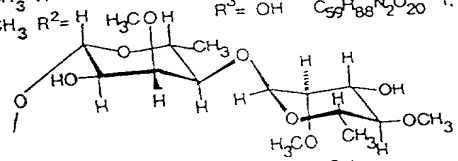
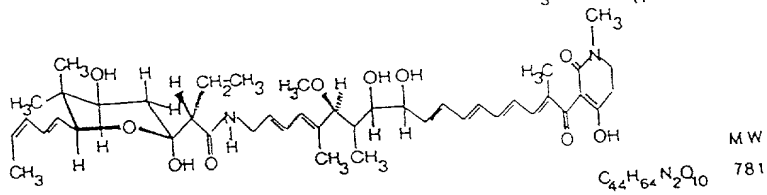
Figure 9



mocimycin, kirromycin
aurodox
heneicomycin
efrotomycin

			MW
$R^1 = H$	$R^2 = H$	$R^3 = OH$	$C_{43}H_{60}N_2O_{12}$ 797
$R^1 = CH_3$	$R^2 = H$	$R^3 = OH$	$C_{44}H_{62}N_2O_{12}$ 811
$R^1 = CH_3$	$R^2 = H$	$R^3 = H$	$C_{44}H_{62}N_2O_{11}$ 795
$R^1 = CH_3$	$R^2 = H$	$R^3 = OH$	$C_{59}H_{88}N_2O_{20}$ 1,145





kirrothricin

MW 781

$C_{44}H_{64}N_2O_{10}$

pulvomycin

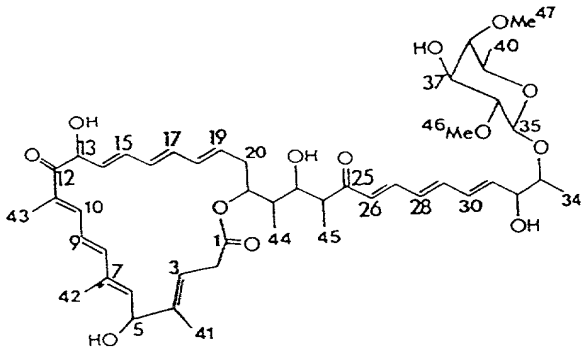


Figure 10

Thiostrepton

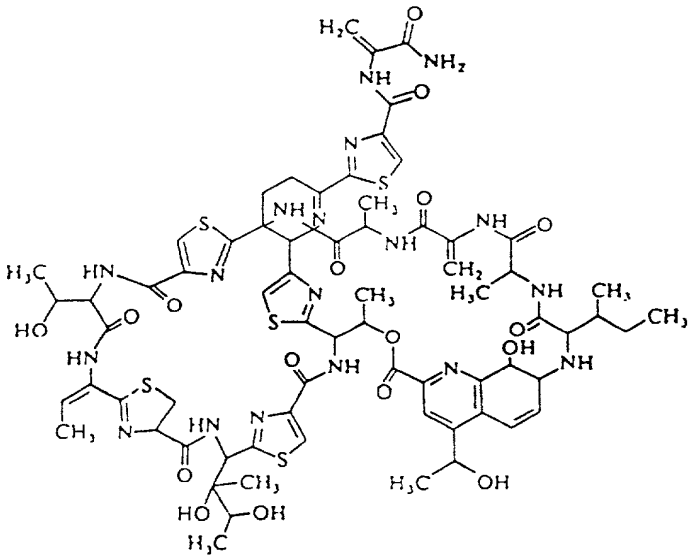


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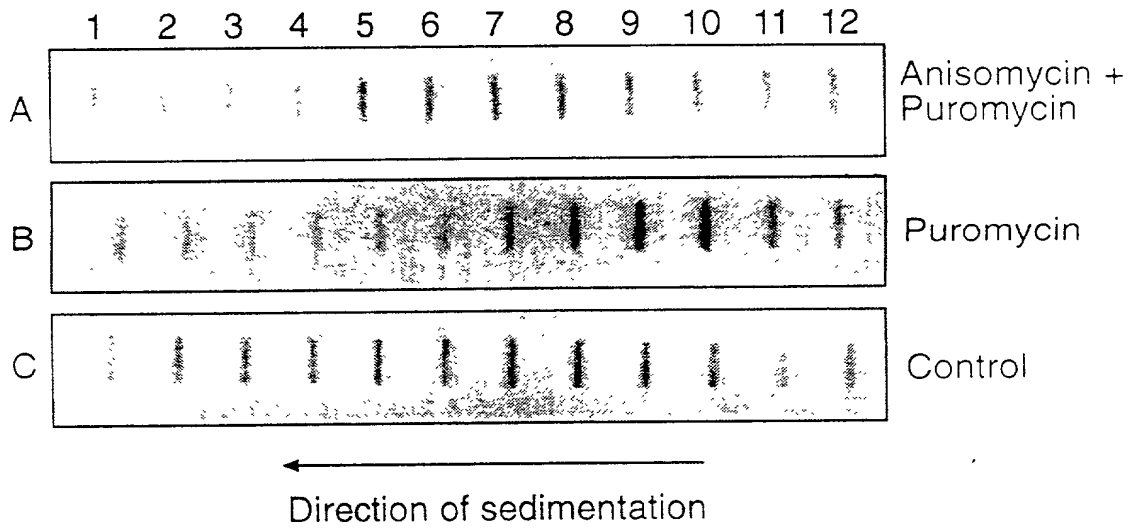
Figure 11



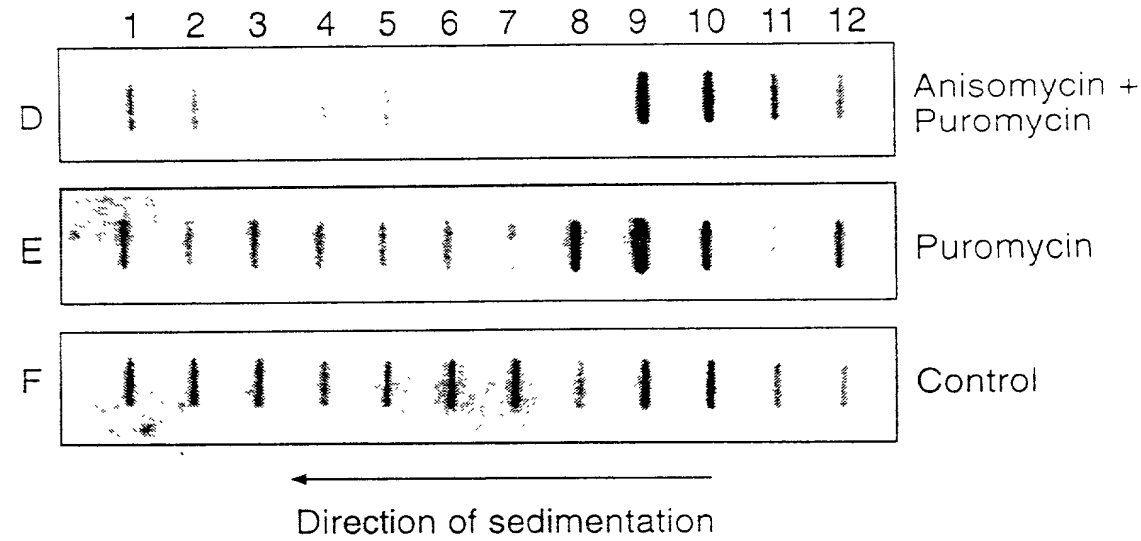


Figure 12

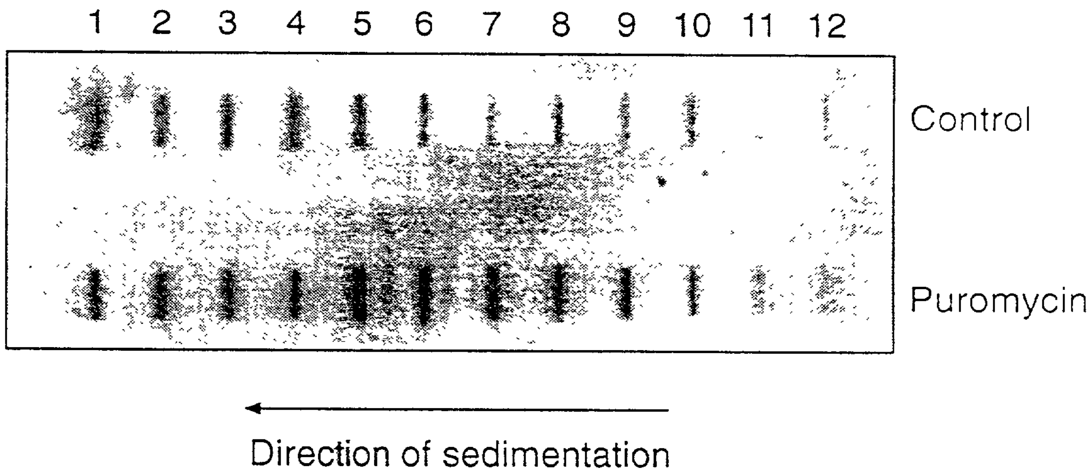

1 2 3 4 5 6 7 8 9 10 11 12
Control
Puromycin
Direction of sedimentation

Figure 13